



36TH ANNUAL MEETING OF THE SOCIETY FOR THERMAL MEDICINE

APRIL 28 - MAY 2, 2019 • ST. PETE BEACH, FLORIDA

UNITING OUR STRENGTHS FOR A CURE

CLINICAL HYPERTHERMIA PRACTICE GUIDELINES WORKSHOP

The goal of this workshop is to provide practical training for hyperthermia therapy personnel, including physicians, nurses, radiation therapists, and physicists. All speakers have clinical experience in their fields. Lectures from well-known experts on clinical, physics, and biology of hyperthermia will provide participants a comprehensive overview of practice guidelines to deliver safe and effective hyperthermia treatments. This multi-disciplinary workshop will also include talks on clinical workflow and reimbursement. The workshop is the first of its kind organized by STM and is open to STM2019 participants of all thermal therapy backgrounds.

Clinical practice (1h30)

- 1. How to establish a hyperthermia program (30 min)**
 - Dr. Zeljko Vujaskovic, University of Maryland, Baltimore MD
- 2. Practice guidelines for superficial hyperthermia (20min)**
 - Dr. Jason Molitoris, University of Maryland, Baltimore MD
- 3. Practice guidelines for deep hyperthermia (20min)**
 - Dr. Mark Hurwitz, Thomas Jefferson University, Philadelphia PA
- 4. Practice guidelines for interstitial hyperthermia (20min)**
 - Dr. John Hayes, Gamma West, Salt Lake City UT

Coffee Break (20min)

Physics of hyperthermia treatments (1h20)

- 5. Equipment, planning, and execution of MW superficial hyperthermia treatment (30min)**
 - Dr. Paul Stauffer, Thomas Jefferson University, Philadelphia PA
- 6. Equipment, planning, and execution of RF deep hyperthermia treatment (30min)**
 - Dr. Dario Rodrigues, University of Maryland, Baltimore MD
- 7. Assessment of hyperthermia treatments based on hypoxia imaging (20 min)**
 - Dr. Mark Dewhirst, Duke University, Durham NC

Clinical workflow and reimbursement (20min)

- 8. Clinical workflow, documentation and reimbursement of hyperthermia treatments (20min)**
 - Erika Maynor, University of Maryland, Baltimore MD

Panel discussion (20min)

Topics for clinical talks

- Patient inclusion criteria
- Contraindications
- Types of tumors treated
- Monitoring recommendations
- Use of intraluminal and interstitial catheters
- Patient setup and comfort strategies
- Side effects and their management